

SEQUENCE LISTING

Sequence 1

CTTCCTTGGT GCTCTATGTC TTGCCTCTCC CCTTCTCCAG TCCCATTAAG CCATAACCAT
 CTTGACAGAC TCTGGGACAG TCCCCTCTGC TCTCCTGTTG GCGCCTGAGT CCCTTTTTTGC
 CTGAGGACCC TTCACGTAGC CTCCCATCTG GATGACCTAG TAGAAGACGT GCGAAGTTGT
 CACACTCAGG TAACTGAGCA GAGCTCAGAG ATTTAAAGTG AGTCTGGGGA GCCTCGAGGA
 TTGATCTGCT GCCTTAAAAA GCCAATTGGA TGACTAACCC AGACTATTGT CACTTTAGGT
 GCGAAGTCAC TAGCATATCT GATGGGTCAC ATCTGAGAAA GGTTCCTAGC AGTGGTGGCC
 TTGTGTGAGC AGCATGGCGT GTATCATGGT GTGCAGCATA CTCAGGCTGC TTGCAACACT
 CGAGGCTCTT CTTCAGTATT AGGGGAACCA CTGGTGTTS G AACATGGTCC AAGAATACAG
 TCATGTGAGG AGAATCCCAA TGCCTCAGGA GAAAACGAGA GTCTGTGACC TCCATTCTTC
 AAGATACAGA AFTATTCTTG GACTGTGTTT TCATGCTCCT TGTGGATGGG AGTGAGTTTA
 CTTCAGGTTA ATCAGCATTG CTTACTGTTG GTATTCAAGT AAATGCTTAA ATTATCCTGG
 ATATACCTCT GTGGGAAGCA GGTTTTTTGAT ACATGCAGCT TGTCTTGTG ATTGATACTG
 CTTGAACTCA AGAGAACTTT GCTCATGTGA TCTTTCTTAA CCGATGGAGT AGAAACTGTC
 TGATGCTCTC AATAAAGTTG GCTCTTGCAC GAGACGTTAG TCTGTCTGT TTATCTGCTC
 CATTCTTCCG CTCCCACGGG CTCTACAGCA CTAACCCAC CACCGATAGA CTCAGTCTTT
 CACTGACAAA CATCACCAGA GGCTCTTAAC TGAGATTATA AACTGTTACT AGATGATGGG
 TGAATCGCT CCCCAGAAAC ATAAACATTT ACTTGGAGAA CTCAAGACCC CTTTGTAGAC
 ATAACCTCCA TGGT

Sequence 2

ATTGCTGTGA GCCTATTAGC GACATTTGGT GACGCCCTT TTAAGGGGGT AGATACAAAG
 AATGGGTTGA AATTCTGTGC CACAAACGCT CTCCATGTTT TCACAATTAC ACTTGCAACC
 TGTGGTCAGC AGCCAGAATT TAGGGATGTG ATGGGACAGG GTCGGGGAAA GAAGGAGAAG
 GGTAAAGGAA AGACAGCACG TTAAAGTCCA AACAGCTCCA GGAGACTATC TGTAGAAATA
 ACATCAGACC ATGAGGAGAA TTGATATCAT TGTTTTTCAA TGGGTATCGC CAAGGGAACT
 TTCCATCTGA TTAAAAATAA TTAGTCTGG CACTAAATCC AATTGGAAAT GCCCCACACA
 ATTTATCTTC CACTTCATGC TGCTACCATA TGCCTGACGT GGCGGAGCAG AAGCATTCCC
 TCCCGTTCTG ATAAATAGTA CTTTGTAAT ATTTGGAGAC GGGAGCTCTG GTGACAGGGA
 ACACGTACAA ACCGGCCTGT TTATCATGTT CCCGATAGAG GCCCTCTTTG ACGTACAGGA
 CCCCAAAACA GTCAGGATGC TGTGAATTC CTTCCATGAA GCCTTGTTCA CAATTAGCAA
 CCATTGGAGG AAGCAGGCTG CACTGTCTAC CACAAGTGGC ACTTTCCAAA GAGCACACAT
 ATATTGGAGC AAGACATTTT GCTGGCTGAG TGGTGCTGTG TAAGCTGATA AACTGCTATA
 TTTATTAAAC TGGCTTTTCT TTGAACACCC CACTCAAGGA AAAAAAACA CACTTAGGGT
 GACATTATTT GGAGATGAAG TCTTTATAGA GATGCTTAAG TTTAAACGAG ACTTTTAAAG
 CCGGCTCTAT TCCATTTAAT GAATGGTGTC GCTACAAAGG AAGAAACTGG GACAGAGGTA
 TGTACACTTG TGTGTGTGTG AGAGACAACG TGAGGAGCTG AAGAGGAGCA CGTACAAGTC
 AGAGAAAGGC TGACCCTTAT TCACACTGAG CAAACCAGTC ATGTGTGGGT CGATAGATGA
 GAGTATCCCC CAAGACTCAC ACATTCGAAC GCTTGGTC

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Sequence 3

AGGACCAGAG	TTCACATCCC	ATCAAATGGC	CCAGAAGGTT	TTAATGCTGT	CTTTTGGCCC
AGGGGCGAAC	TGCACACACA	TGTGCACATA	CACTTACAGA	GACACACATT	CAGCAGCATA
AGAACACAAT	CACAAATAAA	AAAAATCTTG	AAAAATTTTA	AGCTAAAATT	GTAAAGAAAT
AACATATATA	CAATTTTTTCT	TTATTTTTTTT	AAAGATTTAT	TTATTTAATG	TATATGAGTA
CACTGCCTCT	CCCTCCAGAC	ATAGCAGTAC	AGGGCATCEG	ATCCCATTAC	AGATGGTTGT
GAGCCACCAT	GTGGTTTTCAC	AGATGGTTGT	GAGCCACCAT	GTGGTTTTCAG	GAATTGAACT
CAGGACCTTT	GGAAGAGCAG	TCAGTGCTCT	TAACCTCTAA	GCCATCTCTC	CTGACCCTTA
TATACAATTT	TAATGCTACG	TACACACAAC	TTCTCTTTCC	TTTAATGGTT	GAGATTTTTG
TCTGGAGAAG	TAAGAATAAA	GGAGGGAAAG	AACATTGCTT	TCACATTGCA	CCAGTGGGAA
CAGCGTGTTT	AAAGTAGGAA	TGCCATGAAA	TGACTGGCCT	GCCTTCTCAT	TACTGTTCCT
CCCACTCCTC	CTTTTAACTG	GAGCTCCTTT	ATCTAATTTA	TTAGTTTGAC	GATACCCAGG
GTTTTCTTCT	GTTTTGATCT	TTTTAAGACA	GAGACTCACC	ATATAGCCCT	GGCTGGCCTG
AAGCTCACTA	TGTAGACCAG	TCTGGCCTTG	AACTCAAAGG	AGATCTATCT	GCTTCCTAGT
GCTGGGATTA	AAGGCTTGTG	CTACCAAGTC	TGGTCTGAGG	CTTTGGAGCA	GCCTCGGTTT
TGGCCTTCTT	TAAGGATCTC	TAAGCTAGCA	GTAAGTAGCC	TAGCCATGCT	GTTGTAGGAA
GTTGTTCTTT	CATCCTGGCT	CCAGCACAAA	GGCAGTCACT	AAACGTCGGC	CTCATTTCAT
CAGAGCTGAA	TGCAAATTCC	TTGTGCTCTT	CCTGTGTCCT	CCTGGAAC	

Sequence 4

AGTTGGGGAC	ACAGCTTGCT	TGATTAAGAT	GTTTCTTGGG	AAAAGGAGTT	AAGCCTAATG
ATTTCCAATG	GAAAGGACTG	CTAATTGGGG	AGGCAATGTT	GCTTAATTGG	GACACCTGCG
GGTAATTAAA	AGCTCTCTCC	CAGTGGCCTT	TCCTGTTTTT	GGCTCTGGGA	GGCGAAGGCA
TTGAGAGGGA	TGCAGGCATT	CTAAGGGCTG	GTTCTTGTTT	TCTCCCTTCC	CCTCTGTCCA
AACTCAGTGA	GGTATCCCTG	TCTGTGCTGT	CCTTAGAGTG	CCGTCCTGAG	GCCTTGGTGA
GTAAAGGTCT	CTGGATCTGA	GCTGCCTCAG	GGAAACGCAT	GAGCTCATTG	GAAAGGGGAG
AACCAGGCAA	AGGTGTTGGC	TGTGACCTCA	GAATTCTGAG	GGGCAAAGGT	TCAAGGCTAA
CTCTCATTAT	AGAGCAAGTT	TGAGACTGGC	CTGGGAACAA	AAATATAAAG	TGAGTGAGGT
CATATGACAG	CACCTGAGGA	GTCCTGTCCC	TAGAGATCAT	AAGGACCTGG	CTGCTGGGGA
CTTGTTGCAG	ATGGCACTTT	GTGTCGAGAG	AGGGGACCTG	CCCCAGCATG	GGAGGCCCTG
GAAGATCCTC	TGGATTAACT	GTGAACACTG	ATTGCTGCTT	TATACCTGGA	GTTGTGCTGT
TATCTGGTAC	ACATCTGCTG	GGTGAATGAG	TTCATGGGCT	TTATTTTCAGT	GAGGTATTTA
CCTGAGGAGA	AAGAAGGACT	GGTGCCACAA	AGCACAGCTT	TTAAATCTGT	GGGTTGTGAC
CCATTATGGA	CTATCATAAC	TGAGTGCAGG	TATCAAGAAT	ACTTTAGCAG	GTGGTAAAAA
GATTTTTGAA	TGCGCAACGA	CCAAAACCTG	ACTCAAAAAT	CAAGCATGGC	ATGGATCCTG
GGTGCTCCTG	GAAGCACTTG	CCTTTACTGC	ATTGTGCGAC	TTGACGGTAG	CCTTGTTTCT
GAATGCACAA	CACGTGGGCT	TTGGGCTGCA	CAGGCCACCA	CGCCGTGCCT	GAAACACCTC
AGCTCAGGTT	TGTGGCTATG	TCCTATGACT	TGGACTTACT	TTTATTGCAC	ATATAAATAT
TTTCCTGC					

Sequence 5

GAGGGGGTGG TGGCACAGTT ATGTTTTTGT AGGAAGGGTT CCATGAACCT CAGCAGAGCT
CGGGT TAGAA ATTTAAAAGC CCTGAGGGGA ATTTTTTTTT TAAATCGCTA TGAATCTGAC
ATGAGAAAAA CAGATCAGAA ACGTTCTTGT GCTTCAGAAA AGGACAAGTG TGTGAGCTAA
CAGACTGCAC ACTGGTGTTC GAGGCACATC TGGATCACAG GACCGTCAGA TAATGTCCCC
AAAGGTAAAT GCATTTGCTT GCACAGTACC GAGTGTGGTG GGGGGTGCCT ACAGCCCAGC
GGTTCTCAAC CTTCTGATG CTTGACCCT TTAATACAGT GCCTCATGCT CTGGTGACCT
CCCCAACCTT AAAATTATTT TTGTTGCTGT TCATAACTGT GATTTTGATA CTGTTATGAA
TTGTAATATA AATAATTTTG AAGAAAGAGG TTTGCCAAGG GTTTGAGAAC TGCTGTTCTA
GCCCCACGTG GATGGTTTTT GTTCATTTGG GGTTTTTTATG AGGCAGAGTC TTATGTAGCC
CAGGCTAGCA GCCTAGAATG TGCTACTTAG CTGAGGAATA ACCTTGGAAC TTCTGAGGAC
TGGAGAGACT GGCTTAGTCC TCAAGAACT GGAAATAGCT GGAGTTTGGC TACTTGTGGG
TTCCTTTTTT TTTCAACCTT TTCTACTCTT TTTCCACCCT GTCGGCCCCC TAACACTAAA
TAAGAAAAGAG AAAGGGGAGC ATAGAGGGGA AAAGAAACCC CTGAATAACG TCAGTAGTTG
GCAAAGGGGG GTGACATATG TTGTCATTAG ACCACATCCT GGTGATTAAAG GGGAGTCAAG
TTCCTTGGGG CAAGTTTGAT CTTTCTGTGA ACGATATCTA ATTTCTTCTC CCTGTTGCTT
CGTCTTTGTG AACAACGACT TGATAACCCA CAATGGACCA TCAACCAACC AACCAACCAT

Sequence 6

TTGTCCTG TGTACTTGT TTTCCATTT GTGACAGTGG TTTGACCTT CTATACGCCT
GTGTGTCAGG AGTGCTGTAG ACCTATTTTC CTGTTTTCTT TCAGCCAGTT ACAGGAACAG
AGTGTTCTAC TGTGAGATGT GTAGCTGTTT CTGTCCACTG ACTTTCAAGC TGTCTCTGTG
TGCAGGAACC AGAAGGGCCT GTCCCTACTT CTACTGGGCC CCTACGCACA GGGGGCCTAG
ATGGTGCTAG GTGTTTTCTT CTAGAGCCTG AAATGTGGGC AGAGAGTAGT CTCCTCTGGT
TTCCTAGGTA TGTCTTCCCC TCTGAAGGTC TAGCTCTCCC TTCCATGGGA TATGGGTGCA
GGGAGCTGTT TGACCAGGTC CTCTCAAATC CCGGTGCACT CTGGACCGCA GGCTCCTGTA
GCTTGCCCTGC TGCAATCTTC CCGCACCCAG AGGCACCCAA GTTTCCTCTT GGGCCAAGGA
TGTGGGCAAA GGTGGGCAGA AGTGGAATC TCTCCTGCCC TAGCGTCTCA GGATTGCCCT
CACTTCTGGG CAATCCGCTC TCTCTTCCAC AGGGTTTGGG AGCAGGGAGC TGTGGGCCGG
TATCAGGCAA AGGTTTGAGG CAACCAGTTA GAAACTGGAA GTGTCAGGTC CCAGAGGAAT
TTTGCCCTTG TGTGTCCTGA GTCCACCAGG CAGGTCACCT GGAGCAGAAA AATTGGTTTT
CCCCTCGGTC TCAGGCCTGA AGTTGCACCT CAGGGTTGGC TTTCAGCTGT ACCTGTGGAA
AGTATGGTTT TAAAAATCTA AGATAGCTAT CATGCAGCAA GGCTTGTGTA AAATGTCTAT
TTGGTTCCCT TATGACTTAC TTTTGCTGTA CTGAGGATCA AACCTAGGGT CTCAAGCAGT
CATCACAATT CTCTGTCACT GATCCAGCTC CATTTCTATT TTCTTTTGTG CCGCGCGATC
TCTCGCCAGC AAGAAAACAC GCTAGGGACA TACGAATCCT TGCTGCAGCC AAAACTTTTA
TTGAATCTTA AGGAGAAGCC CGCGCACCGG ACTGGCGCGG TTTATATACA CCCTAGCACA
GTGCATCCAC A